



1981-06

Naval Postgraduate School Graduation Exercises / Class of June 1981

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

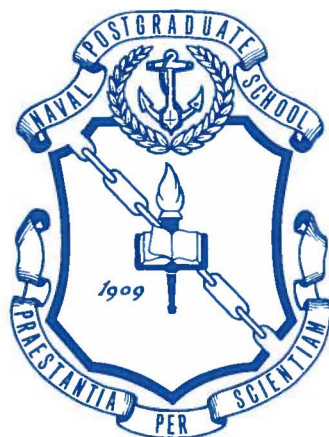
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VAL POSTGRADUATE SCHOOL

MONTEREY, CALIFORNIA

GRADUATION EXERCISES

DAY AFTERNOON

19 JUNE 1981

AT THREE O'CLOCK

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Superintendent
JOHN J. EKELUND
Rear Admiral, United States Navy

Provost
DAVID A. SCHRADY
Doctor of Philosophy

Director of Programs
MATTHEW F. PASZTALANIEC
Captain, United States Navy

Dean of Information and Policy Sciences
WALTER MAX WOODS
Doctor of Philosophy

Dean of Science and Engineering
WILLIAM M. TOLLES
Doctor of Philosophy

MISSION

"To conduct and direct advanced education of commissioned officers and to provide such other technical and professional instruction as may be prescribed to meet the needs of the Naval Service; and, in support of the foregoing, to foster and encourage a program of research in order to sustain academic excellence."

the program

PROCESSIONAL

Professor ALFRED W.M. COOPER Grand Marshal
Professor JAMES M. FREMGEN Marshal
Professor OSCAR BIBLARZ Marshal
Lieutenant Colonel WALTER H. SKIERKOWSKI, U.S. Marine Corps ... Marshal

NATIONAL ANTHEM

INVOCATION

INTRODUCTION OF SPEAKER

Rear Admiral JOHN J. EKELUND, U.S. Navy

ADDRESS TO GRADUATES

The Honorable LAWRENCE J. KORB
Assistant Secretary of Defense

PRESENTATION OF AWARDS

Rear Admiral John Jay Schiefflin Award for Excellence in Teaching
Monterey Peninsula Council Navy League Award
NAVSEASYSCOM Award for Weapon Systems Engineering Excellence
William Randolph Church Award
Naval Sea Systems Command Award in Naval Engineering
Captain John C. Woelfel Award
Admiral William Adger Moffett Award
Naval Electronics Systems Command Award in Electronics Engineering
Armed Forces Communications and Electronics Association Honor Award
Mewborn Student Research Award
United States Naval Institute Award

PRESENTATION OF CANDIDATES BY DEPARTMENT CHAIRMEN

ANNOUNCEMENT OF DEGREES

Rear Admiral JOHN J. EKELUND, U.S. Navy
Dean DAVID A. SCHRADY

BENEDICTION

RECESSIONAL

platform party

FIRST ROW (left to right)

Commander John A. Piirto
CHC, United States Navy

Colonel Ralph J. Appezzato
United States Marine Corps

Colonel George E. Dockery
United States Air Force

Dean David A. Schrady
Provost, Naval Postgraduate School

Rear Admiral John J. Ekelund, U.S. Navy
Superintendent, Naval Postgraduate School

The Honorable Lawrence J. Korb
Assistant Secretary of Defense

Brigadier General Jack W. Nicholson
United States Army

Captain Edward F. Lewis
United States Coast Guard

The Honorable Gerald T. Fry
Mayor, City of Monterey

Mrs. Jacquelin G. Wilson
President, Monterey Peninsula Council
of the Navy League

Captain Matthew F. Pasztalaniec,
U.S. Navy
Director of Programs, Naval Postgraduate School

SECOND ROW

Professor John M. Bouldry
Electronic Warfare Academic Group

Professor John N. Dyer
Department of Physics and Chemistry

Professor Robert J. Renard
Department of Meteorology

Professor Christopher N.K. Mooers
Department of Oceanography

Professor Gordon R. Bradley
Department of Computer Science

CDR David V. Lamm
Department of Administrative Sciences

Professor Gerald H. Lindsey
Department of Aeronautics

Professor Paul J. Marto
Department of Mechanical Engineering

Professor Donald E. Kirk
Department of Electrical Engineering

Professor Sherman W. Blandin
Department of National Security Affairs

awards

MONTEREY PENINSULA COUNCIL, NAVY LEAGUE AWARD for HIGHEST ACADEMIC ACHIEVEMENT

Presented to the graduating USN, USMC or USCG officer who has maintained the highest academic grade average as a student at the Naval Postgraduate School.

CDR Stephen T. Shedd, U.S. Navy

NAVAL SEA SYSTEMS COMMAND AWARD for WEAPON SYSTEMS ENGINEERING EXCELLENCE

Presented in recognition of distinguished scholastic achievement in a Weapons Engineering field of study. Selection is based on marks attained, quality and applicability of thesis and demonstrated leadership potential in the field of Weapons Engineering.

CDR Stephen T. Shedd, U.S. Navy

WILLIAM RANDOLPH CHURCH AWARD

Presented annually to an officer student for outstanding performance in mathematics. The criteria for selection includes evidence of initiative, scholarly attitude and mathematical maturity.

LCDR Pierre G. Vining, U.S. Navy

NAVAL SEA SYSTEMS COMMAND AWARD in NAVAL ENGINEERING

Presented in recognition of distinguished academic achievement in the Naval Engineering Program. The criteria for the award includes demonstrated academic excellence measured by marks attained, contents of thesis and demonstrated leadership potential in Naval Engineering.

LCDR Pierre G. Vining, U.S. Navy

CAPTAIN JOHN C. WOELFEL AWARD

Presented each June to the outstanding Naval Engineering program officer student on the basis of academic and leadership qualities and performance. Officers from the past September, December, March and June graduating classes were considered.

LCDR Harry J. Rucker Jr., U.S. Navy

ADMIRAL WILLIAM ADGER MOFFETT AWARD

Presented annually to an officer student in the Aeronautical Engineering program on the basis of academic excellence, including thesis and career potential. Officer graduates from each of the four quarters preceding the June graduation were considered.

LCDR Stephen T. Van Brocklin, U.S. Navy

NAVAL ELECTRONIC SYSTEMS COMMAND AWARD in ELECTRONICS ENGINEERING

Presented semi-annually to a U.S. Navy officer student in recognition of distinguished academic achievement in the advanced Electronics Engineering program.

LCDR Thomas E. Murdock, U.S. Navy

ARMED FORCES COMMUNICATIONS and ELECTRONICS ASSOCIATION HONOR AWARD

Presented to that officer graduate who has achieved academic excellence and best demonstrated professional qualities in one of the following programs: Electronics, Communications, Intelligence, Command and Control, or Computer Technology.

LCDR William R. Shockley, U.S. Navy

MEWBORN STUDENT RESEARCH AWARD

Presented annually to an officer student whose thesis exhibits sound scholarship and highest research ability. Criteria of selection conforms as nearly as possible to the concept of "evidence of research potential" which forms the basis for election to Associate Membership in the Society of Sigma XI.

*LCDR Howard K. Kline, U.S. Navy

UNITED STATES NAVAL INSTITUTE AWARD

Presented to that recipient of a Master's Degree in National Security Affairs whose achievement has significantly advanced professional, literary or scientific knowledge in the naval or maritime services.

LCDR LeRoy W. Chapple, U.S. Navy

OCEANOGRAPHER of the NAVY AIR - OCEAN SCIENCE AWARD

Presented to a U.S. Navy officer graduate of the Air - Ocean Science Program who has demonstrated outstanding performance and exhibited those qualities indicative of an outstanding military officer.

*LT Larry L. Warrenfeltz, U.S. Navy

NAVAL UNDERWATER SYSTEMS CENTER AWARD for EXCELLENCE in UNDERWATER SYSTEMS TECHNOLOGY

Presented annually to the student, who by academic standing and relevance of thesis topic, has demonstrated the greatest achievement in the field of Underwater Systems Technology.

*LCDR Norman R. Cook, III, U.S. Navy

*LCDR Richard S. Hillyer, U.S. Navy

*LT Carl E. Garrett, Jr., U.S. Navy

*Awarded in absentia

NAVAL POSTGRADUATE SCHOOL DEPARTMENT CHAIRMEN

Professor ROBERT J. RENARD
Meteorology

Professor DONALD E. KIRK
Electrical Engineering

Professor CARROLL O. WILDE
Mathematics

Professor KNEALE T. MARSHALL
Operations Research

Professor SHERMAN W. BLANDIN
National Security Affairs (acting)

Professor MAXIMILIAN F. PLATZER
Aeronautics

Professor CHRISTOPHER N.K. MOOERS
Oceanography

Professor PAUL J. MARTO
Mechanical Engineering

Professor JOHN N. DYER
Physics and Chemistry

Professor GORDON H. BRADLEY
Computer Science

Professor CARL R. JONES
Administrative Science

the graduates

*Those officers whose names are preceded by an * are being presented
their degrees in absentia.*

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

IMELLOS, Iakovos, LT, Hellenic Navy

KELLEY, Clark T., LT, USN

JORDAN, Edgar A., LT, USN

MARR, Kenneth W., LT, USN

BACHELOR OF SCIENCE IN ENGINEERING SCIENCE

SCOTT, Dale R., LT, USN

BACHELOR OF SCIENCE WITH MAJOR IN BUSINESS ADMINISTRATION

AUSTIN, Alyce L.



NAVAL POSTGRADUATE SCHOOL CURRICULAR OFFICERS

Lieutenant Commander JOEL R. SARTORIS, U.S. Navy
Operations Analysis

Commander WILLIAM H. GOESLING, U.S. Navy
Aeronautical Engineering

Commander ROBERT A. PERSELL, JR., U.S. Navy
Electronics and Communications

Commander EDWARD J. MAHON, U.S. Navy
Weapons Engineering/Antisubmarine Warfare

Captain G. RICHARD GARRITSON, U.S. Navy
Naval Engineering

Commander FORREST R. WILLIAMS, U.S. Navy
Air-Ocean Sciences

Commander RICHARD B. RENNER, U.S. Navy
Administrative Sciences

Captain MICHAEL C. ROTH, U.S. Navy
Computer Technology

Captain RICHARD J. SCHLAFF, U.S. Navy
National Security Affairs/Intelligence

Lieutenant Colonel JEFFREY W. JOHNSON, U.S. Air Force
Command, Control and Communications

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

BROWN, Donald P., MAJ, USAF

BARTON, James D., LCDR, USN

*BUSCH, Robert E., MAJ, USAF

BOURGEOIS, Karl F., LT, USN

HOWARD, Jimmy H., MAJ, USAF

CARR, Margrette, LCDR, USN

COOKE, Kenneth C., CPT, USA

CARROLL, Patricia A., LCDR, USN

EMERSON, Michael F., MAJ, USA

CHAPPLE, Le Roy W., LCDR, USN

*MILLER, Joseph E., CPT, USA

COSTARINO, "F" Thomas, LCDR,
USN

*MILTON, Theodore F., CPT, USA

FARRELL, Gerard M., LCDR, USN

MUNN, Donald C., CPT, USA

GREENE, David L., LT, USN

*PEPIN, Gregory R., CPT, USA

O'DONNELL, Robert B., LCDR, USN

WHITAKER, Michael F., CPT, USA

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

CARPENTER, Steven C., CAPT, USMC

CARMODY, Michael J., LCDR, USN

BUCKLEY, Bruce W., LCDR, USN

CROUCH, Marion L., LCDR, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING (Cont.)

DAVIS, Michael H., LT, USN	ISARIS, Meletios, LT, Hellenic Navy
ECONOMOPOULOS, Miltiadis, MAJ, Hellenic Air Force	MURDOCK, Thomas E., LCDR, USN
HAMMER, David A., LT, USN	SCHNEIDER, Leo J., Jr., LCDR, USN
HENDRICKSON, Charles R., LT, USN	SORRENTINO, Ludwig A., LCDR, USN
HERBERT, Larry E., LT, USN	TRAMEL, William P., LT, USN
HOWARTH, Gary L., LCDR, USN	VLACHOS, Stamelos, LT, Hellenic Navy
HUGHES, Stephen M., LT, USN	
IMELLOS, Iakovos, LT, Hellenic Navy	

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

BAKMIS, Cahit, LT, Turkish Navy	HOLIHAN, Robert G., Jr., LCDR, USN
CADWELL, Charles A., Jr., LT, USN	LUBY, Robert E., Jr., LCDR, USN
EXELL, John R., LT, USN	RUCKER, Harry J., Jr., LCDR, USN
HAMPEY, John M., LT, USN	VINING, Pierre G., LCDR, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

CINA, Frank S., LT, USN	MCRAE, Charles R., CDR, USN
MCCARVILLE, Patrick A., LCDR, USN	

MASTER OF SCIENCE IN ENGINEERING SCIENCE

ECONOMOPOULOS, Miltiadis, MAJ, Hellenic Air Force	*KARAGOUNIS, Stavros, MAJ, Hellenic Air Force
FAIR, Christopher K., LT, USN	MORAN, John F., LT, USN
GOODWIN, William V., LCDR, USN	OHNEMUS, Donald P., LCDR, USN
HAYES, Thomas M., LCDR, USN	SULLIVAN, Martin D., LT, USN
HOBBY, Grey D., LCDR, USN	VIA, Kenneth D., LT, USN

MASTER OF SCIENCE IN OPERATIONS RESEARCH

BOYTER, James K., MAJ, USA

MASTER OF SCIENCE IN MANAGEMENT

ALLEN, Richard D., MAJ, USMC	FERREE, William D., LCDR, USN
BROTHERS, Bruce H., CAPT, USMC	GRIFFIN, Patricia, LCDR, USN
CARGILL, John C., MAJ, USMC	HUGHES, Roger A., LCDR, USN
MAYER, GEORGE B., Jr., MAJ, USMC	JUBECK, Cornelius N.
WAGGONER, Lawrence E., CAPT, USMC	KEATING, William J., Jr., LCDR, USN
BERNARD, Thomas E., LCDR, USCG	MILLS, Jack "B", LCDR, USN
ADAMS, Roger C., LCDR, USN	NEUBAUER, Roy E.
BABBITT, Mark E., LT, USN	PERRY, Ellen H., LT, USN
BECHARD, Thomas P., LCDR, USN	PEREZ, Vicente E., LT, Mexican Navy
BENROTH, Barron R., LCDR, USN	ROBINSON, Katherine S., LCDR, USN
BEPKO, John J., III, LCDR, USN	ROEHRICH, Steven G., LCDR, USN
BOYER, John F., LCDR, USN	SONG Soo Sup, LTCOL, Republic of Korea Army
CATON, David P.R., LCDR, Royal Australian Navy	SONNTAG, Steven J., LCDR, USN
CHAMARETTE, Steven G., MAJ, Royal Australian Army	VANDOVER, David L., LT, USN
ESTABROOKS, Joseph O., LCDR, USN	VILLAROSA, John P., LCDR, USN
	WALTERS, Lynford S., III, LCDR, USN

MASTER OF SCIENCE IN INFORMATION SYSTEMS

CLUTE, Richard A., CAPT, USMC	ROBERTSON, Roderick R., LCDR, USN
CRAIG, Janet E., LT, USN	SAONA, Juan N., LTCOL, Peruvian Air Force
*EGAN, Dennis J., LCDR, USN	STEVENSON, James W., Jr., LT, USN
GOLASZEWSKI, Kenneth M., LT, USN	WHITTEN, Kenneth L., LT, USN
GROSS, Charlotte R., LT, USN	YOUNG, Robert J., LT, USN
PLATO, Gayle J., LT, USN	

MASTER OF SCIENCE IN COMPUTER SYSTEMS MANAGEMENT

HOGEN, David J., LCDR, USN

MASTER OF SCIENCE IN COMPUTER SCIENCE

COULTER, Ronald J., LTCOL, USMC	CANDALOR, Michael B., LCDR, USN
LAPE, Joseph S., CAPT, USMC	HOGEN, David J., LCDR, USN
MILLER, Charles W., CAPT, USMC	*MOSCHOVINOS, Ioannis C., LCDR, Hellenic Navy
*SHIRLEY, Lawrence J., LT, USCG	SMART, Scott W., LT, USN
BAKER, Gary S., LCDR, USN	

MASTER OF SCIENCE IN OCEANOGRAPHY

HOFFMAN, Richard G., Jr., LT, USN

MASTER OF SCIENCE IN METEOROLOGY

BROWN, Danley W., MAJ, USAF	TALBOT, Thomas N., CAPT, USAF
OLDER, Mark E., III, CAPT, USAF	

MASTER OF SCIENCE IN METEOROLOGY AND OCEANOGRAPHY

BRADSHAW, James A., LT, USN	KELLY, Patrick R., LCDR, USN
CLARK, Robert L., LT, USN	MILLARD, Jeffrey E., LT, USN
HARROD, Robert L., LT, USN	SCHULTZ, Mark E., LT, USN
HOUTMAN, Bauke H., LT, USN	

MASTER OF SCIENCE IN PHYSICS

WINSLOW, Timothy Slade, LT, USCG	RYAN, Franklin T., LCDR, USN
*HENDRICK, Charles B., CPT, USA	SHEDD, Stephen T., CDR, USN
LEE Yong Bok, LCOL, Republic of Korea Army	TERRELL, James M., LT, USN
*MCLAUGHLIN, David E., LCDR, USN	TIMM, Rodney D., LT, USN
PARK Chang Hyun, LCOL, Republic of Korea Army	WILLIAMS, Harold A., LCDR, USN

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

GAGLIARDI, Michael J., LT, USN	MARR, Kenneth W., LT, USN
JORDAN, Edgar A., LT, USN	TRONSTAD, Yngvar Dag, LCDR, Royal Norwegian Navy
KELLEY, Clark T., LT, USN	

MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY

GRANGER, William E., LCDR, USN

ELECTRICAL ENGINEER

HOWARTH, Gary L., LCDR, USN

MURDOCK, Thomas E., LCDR, USN

MECHANICAL ENGINEER

BAKMIS, Cahit, LT, Turkish Navy

VINING, Pierre G., LCDR, USN

AERONAUTICAL ENGINEER

*KARAGOUNIS, Stavros, MAJ, Hellenic Air Force

VAN BROCKLIN, Stephen T., LCDR, USN

HISTORY OF THE SCHOOL

In 1909 the first Naval Postgraduate School, then called the Postgraduate Department of the U.S. Naval Academy, was established at Annapolis, Maryland. On June 9 that year ten students made up the class, three professors formed the faculty, and Marine Engineering was the only curriculum. When the first class graduated in 1911, Beekman Winthrop, Assistant Secretary of the Navy, said, "There will be some day a postgraduate course to call all the officers of the Navy together. This school is the beginning, and may be the one on which the Navy Department of the future may have to depend." As the school expanded over the next seven decades, his words have proved prophetic.

During World War I, the school closed, but classes resumed in 1919. Two years later the department was renamed the United States Naval Postgraduate School. In 1927, the General Line Course was established to acquaint junior line officers with modern developments within the Navy and broaden their professional knowledge for future command at sea.

World War II caused tremendous expansions of activities and a large increase in student enrollment. The school grew to meet the needs of the Navy, and more courses were added to the curriculum. After the 1945 armistice, the Navy began plans to move the school away from Annapolis and improve its professional status. Between 1945 and 1948, Congress established the school as a separate activity under its own superintendent, created the office of academic dean, granted the superintendent authority to award the bachelor's, master's and doctor's degrees and approved Monterey, California as the future home of the school.

After purchasing the former Hotel Del Monte and the surrounding acreage, the Navy officially established the school on the West Coast in 1951. Since moving to Monterey the postgraduate school has focused upon professional graduate education.

To meet this end, the Navy has made a strong commitment to quality postgraduate education of its officer corps — and for good reason. In addition to meeting the needs for near-term functional skills, this investment has served as a mechanism for sustaining the foundation of intellectual vigor in critical areas of expertise. Experience has proven that graduate level education is a fundamental constituent in the building of operational, technical, and managerial skills essential to maintaining institutional excellence in the face of dramatic change.

In support of national defense requirements, the Naval Postgraduate School graduates an average of 800 officers a year, and offers a variety of courses in science, management and engineering. In addition, its faculty members are dedicated to providing the highest quality education for their students — more than 1200 officers of all five U.S. services, 25 allied nations and U.S. government civilians.

academic dress

The cap and gown and colorful hood so prominent in commencement ceremonies resemble to some extent articles of dress worn by church and university dignitaries in the Middle Ages. The cap and gown indicate that the wearer is a member of a university or college. The hood shows the degree the wearer holds.

The gown for the bachelor's degree has pointed sleeves and is designed to be worn closed. The master's gown has closed sleeves, square at the end, the arms coming through a slit at the elbow; it may be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars may be either black or the color distinctive of the subject to which the degree pertains. The cap is worn for all degrees; the doctor may wear a golden tassel.

Hoods are normally black with a colorful lining rolled outward. Bachelor's hoods are three feet long, master's three and one half feet, and doctor's four feet.

For all academic purposes, including trimmings for the doctor's gown, edgings of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

Agriculture	Maize	Library Science	Lemon
Arts, Letters, Humanities	White	Music	Pink
Business, Commerce	Drab	Pharmacy	Olive Green
Education	Light Blue	Philosophy	Dark Blue
Engineering	Orange	Physical Education	Sage Green
Forestry	Russet	Science	Golden Yellow
Home Economics	Maroon	Theology	Scarlet
Law	Purple	Veterinary Science	Gray

The silk or satin lining of the hood is the color or colors of the university or college which conferred the degree. Some have a slash or chevron of contrasting color. For example:

University Granting Degree	Lining	Slash or Chevron
University of Wisconsin	Bright Red	
University of Minnesota	Old Gold	Maroon
Yale University	Blue	
University of California	Gold	Yale Blue
University of Washington	Purple Above Gold	
University of Oregon	Lemon Yellow	Dark Green
New York University	Violet	
Stanford University	Cardinal	
Columbia University	Light Blue	White
University of Michigan	Maize	Blue
University of Texas	White Above Orange	Burnt Orange
Duke University	Royal Blue	White
Cornell University	Cardinal	Two White
Harvard University	Crimson	
Michigan State University	Green	White
Iowa State University	Gold Above Cardinal	
State University of Iowa	Old Gold	
Oregon State University	Burnt Orange	
Lewis and Clark College	Princeton Orange	Black, Orange
University of Denver	Cardinal	Gold

The Naval Postgraduate School hood has a satin lining of dark blue with a gold chevron.

